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Manual
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Engineering and Design
ENVIRONMENTAL ENGINEERING FOR SMALL BOAT BASINS

- 1. Purpose.** The purpose of this manual is to incorporate environmental considerations into the planning, engineering, design, construction, operation, and maintenance of small boat basins. Much of this guidance is general in nature with many references to appropriate Corps manuals and other design guides. However, specific design guidance is provided for areas involving basin design and operation.
- 2. Applicability.** This manual applies to all HQUSACE elements, major subordinate commands, districts, laboratories, and field operating activities having Civil Works responsibilities.
- 3. General.** Small boat basins, which are located on coastlines, estuaries, lakes, and riverbanks, provide direct access to each boat, parking, technical services, shops, and other amenities. The increasing prosperity of the world population has resulted in an increased popularity of and need for small boat basins. The development of small boat basins is a concern to environmental groups and local residents because of the potential effects of these basins on the quality of rivers, lakes, estuaries, and ocean shorelines. The goal of this manual is to provide general environmental considerations guidance during the planning and design stage.

FOR THE COMMANDER:



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